IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application. An identifier indicating the status of each claim is provided.

Listing of Claims

1.   (Currently Amended) A recording medium storing a program which causes a computer to execute routine, said routine comprising:

a first routine of detecting an identification data item for identifying a predetermined data item from a target data having a plurality of module data respectively including said predetermined data item and said identification data item, the plurality of module data and data included in the module data all being KLV data, and

a second routine of signaling to a data-using entity of the predetermined data that said identification data item has been detected in said first routine,

wherein the identification data item includes essence mark data indicating a position of a predetermined picture in the predetermined data item, the picture being determined when the predetermined data item is added to the target data,

wherein the target data has a MXF format, and

wherein the first routine successively detects each of the plurality of module data and extracts each identification data item of the plurality of module data.

2.   (Previously Presented)   The program as set forth in claim 1, further

comprising:

a third routine of, in response to a request from said data-using entity, supplying

said data-using entity with said predetermined data item from within said module data and said

identification data item having been detected in said first routine.

3.   (Previously Presented)   The program as set forth in claim 1,

wherein said second routine signals to said data-using entity only if the

identification data item designated beforehand by said data-using entity has been detected in said

first routine.

4.   (Previously Presented)   The program as set forth in claim 1,

wherein said second routine, based on said identification data item, gives said

data-using entity the signal designating an attribute of the module data formed by said detected

identification data item.

5.   (Previously Presented)   The program as set forth in claim 1,

wherein said identification data item is detected from said target data, said target

data comprising: first module data including content data as said predetermined data item, and

second module data including attribute data of said content data as said predetermined data item.

6.   (Currently Amended) A recording medium storing a program which causes a computer to execute routine, said routine comprising:

a first routine of requesting a predetermined data item from a data provider providing said predetermined data item;

a second routine of receiving said predetermined data item from said data provider in response to the request made in said first routine;

a third routine of generating module data including said predetermined data item received in said second routine and an identification data item for identifying said predetermined data item; and

a fourth routine of generating data having a plurality of said module data generated in said third routine,

wherein the identification data item includes essence mark data indicating a position of a predetermined picture in the predetermined data item, the picture being determined when the predetermined data item is added to the target data,

wherein the predetermined data item is extracted from MXF format data, and

wherein the predetermined data item represents an identification data item of each of a plurality of module data included in the MXF format data.

7.   (Previously Presented)   The program as set forth in claim 6, further comprising:

a fifth routine of receiving attribute data indicating an attribute of content data, and

a sixth routine of generating first module data including said attribute data, which

is received in said fifth routine, as said predetermined data item,

wherein said first routine requests said content data from said data provider,

wherein said second routine receives said content data from said data provider in

response to said request made in said first routine,

wherein said third routine generates second module data including said content

data, which is received in said second routine, as said predetermined data item, and

wherein said fourth routine generates data having said first module data generated

in said sixth routine and of said second module data generated in said third routine.

8.   (Currently Amended) A data processing method ~~executed by~~ utilized by a

computer, said method comprising:

a first step of detecting, by a processor, an identification data item for identifying

a predetermined data item from a target data having a plurality of module data each including

said predetermined data item and said identification data item, the plurality of module data and

data included in the module data all being KLV data, and

a second step of signaling to a data-using entity of the predetermined data that

said identification data item has been detected in said first step,

wherein the identification data item includes essence mark data indicating a

position of a predetermined picture in the predetermined data item, the picture being determined

when the predetermined data item is added to the target data,

wherein the target data has a MXF format, and

wherein the first step successively detects each of the plurality of module data and extracts each identification data item of the plurality of module data.

9.   (Currently Amended) A data processing method ~~executed~~utilized by a computer, said method comprising:

a first step of requesting, by a processor, a predetermined data item from a data provider providing said predetermined data item;

a second step of receiving said predetermined data item from said data provider in response to the request made in said first step;

a third step of generating module data including said predetermined data item received in said second step and an identification data item for identifying said predetermined data item, the plurality of module data and data included in the module data all being KLV data; and

a fourth step of generating data formed by a plurality of said module data generated in said third step,

wherein the identification data item includes essence mark data indicating a position of a predetermined picture in the predetermined data item, the picture being determined when the predetermined data item is added to the target data,

wherein the predetermined data item is extracted from MXF format data, and

wherein the predetermined data item represents an identification data item of each of a plurality of module data included in the MXF format data.

10.   (Currently Amended) A data processing method ~~for causing~~utilized by a computer to execute a first program and a second program in parallel, said data processing method comprising:

a first step of causing, by a processor, said first program to detect an identification data item for identifying a predetermined data item from a target data having a plurality of module data respectively including said predetermined data item and said identification data item, the plurality of module data and data included in the module data all being KLV data;

a second step of causing said first program to signal to said second program that said identification data item has been detected in said first step;

a third step of causing said second program, based on the signal coming from said first program in said second step, to receive from said first program said predetermined data item in the module data including said identification data item detected in said first step; and

a fourth step of allowing said second program to use said predetermined data item received in said third step,

wherein the identification data item includes essence mark data indicating a position of a predetermined picture in the predetermined data item, the picture being determined when the predetermined data item is added to the target data,

wherein the target data has a MXF format, and

wherein the first step successively detects each of the plurality of module data and extracts each identification data item of the plurality of module data.

11.   (Currently Amended) A data processing apparatus comprising:

a memory that stores data;

a detecting means for detecting an identification data item for identifying a

predetermined data item from a target data having a plurality of module data each including said

predetermined data item and said identification data item, the plurality of module data and data

included in the module data all being KLV data, and

a signaling means for signaling to a data-using entity of said predetermined data

that said identification data item has been detected by said detecting means,

wherein the identification data item includes essence mark data indicating a

position of a predetermined picture in the predetermined data item, the picture being determined

when the predetermined data item is added to the target data,

wherein the target data has a MXF format, and

wherein the detecting means successively detects each of the plurality of module

data and extracts each identification data item of the plurality of module data.

12.   (Currently Amended) A data processing apparatus comprising:

a memory that stores data;

a requesting means for requesting a predetermined data item from a data provider

providing said predetermined data item;

a receiving means for receiving said predetermined data item from said data

provider in response to the request made by said requesting means;

a first generating means for generating module data including said predetermined

data item received by said receiving means and an identification data item for identifying said

predetermined data item, the plurality of module data and data included in the module data all being KLV data; and

a second generating means for generating data formed by a plurality of said module data generated by said first generating means,

wherein the identification data item includes essence mark data indicating a position of a predetermined picture in the predetermined data item, the picture being determined when the predetermined data item is added to the target data,

wherein the predetermined data item is extracted from MXF format data, and

wherein the predetermined data item represents an identification data item of each of a plurality of module data included in the MXF format data.